

### **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

# CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED-LIST WITH AMORTIZED NODE ALLOCATION

which (check)	is attached hereto.	
•	and is amended by the Preliminary	Amendment attached hereto.
	was filed on	as Application Serial No.
	and was amended on	(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

	Prior Foreign Applica	tion(s)	Priority	Claimed
Number	Country	Day/Month/Year Filed	Yes	No
N/A				

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date	
N/A		

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
09/551,113	April 18, 2000	Pending

Mark Zagorin (36,067); Andrew C. Graham (36,531); David W. O'Brien (40,107); Kenneth Olsen (26,493); Timothy J. Crean (37,116); Alexander E. Silverman (37,940); Anirma Rakshpal Gupta (38,275); Sean Patrick Lewis (42,798); Michael J. Schallop (44,319); Bernice B. Chen (42,403); Noreen A. Krall (39,734); Richard J. Lutton, Jr. (39,756); Monica D. Ward (40,696), Marc D. Foodman (34,110); Naren Chaganti (44,602); Elaine Lee, (41,936); Hugh H. Matsubayashi (43,779); Paul D. Sorkin (39,039); Marilyn E. Glaubensklee (35,521); Ramin Aghevli (43,462); Andrew C. Chen (43,544); and Jeffrey L. Myers (44,252).

Please direct all correspondence concerning this application to the USPTO Customer Number, if provided, or otherwise to the individual and/or firm named below:

Customer Number 22120

ZAGORIN, O'BRIEN & GRAHAM, L.L.P. 401 WEST 15<sup>TH</sup> STREET, SUITE 870 AUSTIN, TX 78701

Telephone: (512) 347-9030 Facsimile: (512) 347-9031

Post Office Address: 2 Burton Avenue

1

U

. 3

USPTO Customer Number –

22120

PATENT\_TRADEMARK OFFICE

nev Docket No.: 044-4665-1

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole (or first joi	nt) inventor: Paul A. Martin		
Inventor's Signature: Residence: Post Office Address:	Arlington, MA 70 Ronald Road Arlington, MA 02474	Date: Citizenship:	USA
Full name of second joint in	ventor: David L. Detlefs		
Inventor's Signature:		Date:	
Residence: Post Office Address:	Westford, MA 94 Depot Street Westford, MA 01886	Citizenship:	ŪSA
Full name of third joint inve	ntor: Alexander T. Garthwaite		
Inventor's Signature:	Claude J South	Date:	4/17/01
Residence:	Beverly, MA	Citizenship:	USA

Beverly, MA 01915

Auom	ey Docket No.: 044-4665-

Date: 18 Apr 20 01 Citizenship: USA

Full name of fourth joint inventor:

Guy L. Steele Jr.

Inventor's Signature:

Residence: Lexington, MA

Post Office Address: 9 Lantern Lane

Lexington, MA 02421

Full name of fifth joint inventor:

Mark S. Moir

Inventor's Signature:

Residence: Somerville, MA

Post Office Address: 108 Liberty Road, #2

Somerville, MA 02144

Date:

Citizenship: New Zealand



### **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

N/A

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

CONC			MPLEMENTED USING A L D NODE ALLOCATION	INKED-LIS	ST
which (check)	and is was fi	amended by the Prelinded on	minary Amendment attached he as Application Serial N (if applicable)	0.	
		reviewed and understanded by any amendment	and the contents of the above in the interest in above.	dentified spe	ecification,
I acknowledge Code of Federa			which is material to patentability	as defined i	n Title 37,
application(s) it least one count any foreign ap designating at l	for patent or try other that oplication(s) least one cou	r inventor's certificate an the United States or for patent or invento untry other than the Un	tle 35, United States Code, § 11 or any PCT international applic America listed below and haver's certificate or any PCT internited States of America filed by a faction(s) of which priority is classication(s)	cation(s) des e also identi mational app me on the sa	ignating at fied below plication(s)
		Prior Foreign Applica	tion(s)	Priority	Claimed
Numb	er	Country	Day/Month/Year Filed	Yes	No
N/A					
I hereby claim application(s) l			States Code, § 119(e) of any U	nited States	provisional
Provi	sional Appl	ication Number	Filing D	ate	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
09/551,113	April 18, 2000	Pending



I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Mark Zagorin (36,067); Andrew C. Graham (36,531); David W. O'Brien (40,107); Kenneth Olsen (26,493); Timothy J. Crean (37,116); Alexander E. Silverman (37,940); Anirma Rakshpal Gupta (38,275); Sean Patrick Lewis (42,798); Michael J. Schallop (44,319); Bernice B. Chen (42,403); Noreen A. Krall (39,734); Richard J. Lutton, Jr. (39,756); Monica D. Ward (40,696), Marc D. Foodman (34,110); Naren Chaganti (44,602); Elaine Lee, (41,936); Hugh H. Matsubayashi (43,779); Paul D. Sorkin (39,039); Marilyn E. Glaubensklee (35,521); Ramin Aghevli (43,462); Andrew C. Chen (43,544); and Jeffrey L. Myers (44,252).

Please direct all correspondence concerning this application to the USPTO Customer Number, if provided, or otherwise to the individual and/or firm named below:

Customer Number 22120

ZAGORIN, O'BRIEN & GRAHAM, L.L.P. 401 WEST 15<sup>TH</sup> STREET, SUITE 870 AUSTIN, TX 78701

Telephone: (512) 347-9030 Facsimile: (512) 347-9031

USPTO Customer Number

22120

PATENT TRADEMARK OFFICE

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole (or first joi	nt) inventor: Paul A. Martin		
Inventor's Signature: Residence: Post Office Address:	Arlington, MA 70 Ronald Road	Date: Citizenship:	USA
1 050 0 11100 1 1441 0551	Arlington, MA 02474		
Full name of second joint inv	ventor: David L. Detlefs		
Inventor's Signature:	David & Oil	Date:	4/17/01
Residence: Post Office Address:	Westford, MA 94 Depot Street	Citizenship:	USA
	Westford, MA 01886		
Full name of third joint inve	ntor: Alexander T. Garthwaite		
Inventor's Signature:		Date:	
Residence:	Beverly, MA	Citizenship:	USA
Post Office Address:	2 Burton Avenue		
	Beverly, MA 01915		



Attorney Docket No.: 044-4665-1

Full name of fourth joint inventor:

Guy L. Steele Jr.

Inventor's Signature:

Residence: Lexington, MA

Post Office Address: 9 Lantern Lane

Lexington, MA 02421

Full name of fifth joint inventor:

Mark S. Moir

Inventor's Signature: Residence:

Somerville, MA

Post Office Address:

108 Liberty Road, #2

Somerville, MA 02144

Date:

Date:

Citizenship: USA

Citizenship: New Zealand



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of subject matter (process, machine, manufacture, or composition of matter, or an improvement thereof) which is claimed and for which a patent is sought by way of the application entitled

## CONCURRENT SHARED OBJECT IMPLEMENTED USING A LINKED-LIST WITH AMORTIZED NODE ALLOCATION

	WITH AMORTIZED	NODE ALLOCATION
which (check)	was filed on	inary Amendment attached hereto as Application Serial No (if applicable).
	that I have reviewed and understar laims, as amended by any amendme	nd the contents of the above identified specification nt referred to above.
_	the duty to disclose information, wal Regulations, § 1.56.	nich is material to patentability as defined in Title 37
application(s) f	for patent or inventor's certificate o	e 35, United States Code, § 119(a)-(d) of any foreign any PCT international application(s) designating and the state of th

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

	Prior Foreign Applica	tion(s)	Priority	Claimed
Number	Country	Day/Month/Year Filed	Yes	No
N/A				

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
N/A	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
09/551,113	April 18, 2000	Pending

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Mark Zagorin (36,067); Andrew C. Graham (36,531); David W. O'Brien (40,107); Kenneth Olsen (26,493); Timothy J. Crean (37,116); Alexander E. Silverman (37,940); Anirma Rakshpal Gupta (38,275); Sean Patrick Lewis (42,798); Michael J. Schallop (44,319); Bernice B. Chen (42,403); Noreen A. Krall (39,734); Richard J. Lutton, Jr. (39,756); Monica D. Ward (40,696), Marc D. Foodman (34,110); Naren Chaganti (44,602); Elaine Lee, (41,936); Hugh H. Matsubayashi (43,779); Paul D. Sorkin (39,039); Marilyn E. Glaubensklee (35,521); Ramin Aghevli (43,462); Andrew C. Chen (43,544); and Jeffrey L. Myers (44,252).

Please direct all correspondence concerning this application to the USPTO Customer Number, if provided, or otherwise to the individual and/or firm named below:

Customer Number 22120

#### ZAGORIN, O'BRIEN & GRAHAM, L.L.P. 401 WEST 15<sup>TH</sup> STREET, SUITE 870 AUSTIN, TX 78701

Telephone: (512) 347-9030 Facsimile: (512) 347-9031

USPTO Customer Number PATENT TRADEMARK OFFICE

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Paul A Martin

Full name of sole (or first join	nt) inventor: Paul A. Martin		
Inventor's Signature:		Date:	
Residence:	Arlington, MA	Citizenship:	USA
Post Office Address:	70 Ronald Road		
e e f	Arlington, MA 02474		
Full name of second joint in	ventor: David L. Detlefs		
Inventor's Signature:		Date:	
Residence:	Westford, MA	Citizenship:	USA
Post Office Address:	94 Depot Street		
	Westford, MA 01886		
Full name of third joint inve	ntor: Alexander T. Garthwaite		
Inventor's Signature:		Date:	
Residence:	Beverly, MA	Citizenship:	USA
Post Office Address:	2 Burton Avenue	_	
	Beverly, MA 01915		





Attorney Docket No.: 044-4665-1

Full name of fourth joint inventor:

Guy L. Steele Jr.

Inventor's Signature:

Residence: Lexington, MA

Post Office Address: 9 Lantern Lane

Lexington, MA 02421

Date:

Citizenship: USA

Full name of fifth joint inventor:

Mark S. Moir

Inventor's Signature:

Residence: Post Office Address:

Somerville, MA

108 Liberty Road, #2

Somerville, MA 02144

Citizenship: New Zealand